

- a. Design Consultant Memorandum - Action Item Completion
- 3. Private Utility and Other Agency Conflict Resolution
  - a. Documents in this phase are generated by Design Consultant (DC) this phase is mainly to resolve any private utilities conflicts which could be potential construction
- 5 conflicts
- 4. Geotechnical Investigation
  - a. Authorization to Initiate Geotechnical Investigation
  - b. Geotechnical Report
- 5. Environmental Site Assessment
  - a. Authorization to Initiate Phase I Environmental Site Assessment
  - b. Phase IA ESA Report
- 6. Survey Activities
  - a. Authorization to Initiate Survey Work
- 7. Real Estate Activities
  - a. Authorization to Initiate Real Estate Activities
  - b. Real Estate Information Package
- 15 8. Archeological Investigation
  - a. Document reference location information only
- 9. Other Additional Services
  - a. Authorization to Initiate Additional Service
- 20 10. Preliminary Engineering Report (Draft)
  - a. Document reference location information only
- 11. Pre-Technical Review Committee (TRC) Meeting
  - a. Document reference location information only

12. Technical Review Committee (TRC) Meeting

- a. Technical Review Committee Meeting Announcement
- b. Technical Review Committee Meeting Agenda
- c. Technical Review Committee Meeting Project Summary
- 5 d. Record of Decisions and Action Items from TRC Meeting

13. Preliminary Engineering Report (Final)

- a. Document reference location information only

14. Contract Amendment or Supplemental Appropriation

- a. Professional Scope of Service/Fee
- 10 b. If changes accepted than appropriate steps need to be followed for Authorization
- c. Package, Contract and Ordinance, and Award and Execution of Design
- Consultant Contract

15. Notice to Proceed (NTP) for Phase II Design

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Referring now to Fig. 7c, Phase II of the design process is shown. First, a meeting is

kicked off (step 270). Next, interim submittals are generated (step 274). The interim progress review meetings are held to review the interim submittals (step 276). Next, various 20 investigations are performed (step 278). These investigations include geotechnical investigations, environmental site assessments, server activities, railroad activities and/or archeological investigations.

From step 278, additional operations are performed (step 280). The final design submittal is generated (step 282) and finalized contract documents are generated (step 284) before the Phase II design is completed (step 286).

Phase II Design module manages the documentation associated with the following eleven (11) phases of this process. The flowchart on the following page illustrates the Phase II Design process.

1. Kick-Off Meeting
  - a. Record of Decision and Action Items (RDAI) - Action Item Completion
2. Interim Progress Review Meetings
  - a. Record of Decision and Action Items (RDAI) - Action Item Completion
3. Interim Milestone Submittals
  - a. Document reference location information only
4. Private Utility and Other Agency Conflict Resolution
  - a. Design Consultant Internal Activities
5. Additional Geotechnical Investigation
  - a. Authorization to Initiate Additional Geotechnical Investigation
6. Phase II Environmental Site Assessment (ESA)
  - a. Authorization to Initiate Phase II Environmental Site Assessment
7. Survey Activities
  - a. Authorization to Initiate Survey Activities
8. Real Estate Activities
  - a. Authorization to Initiate Real Estate Activities
9. Additional Archeological Investigation